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EUROPEAN PATENT APPLICATION

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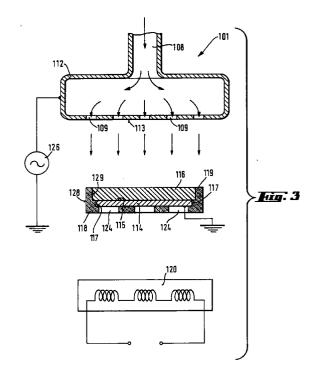
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(54) Apparatus for depositing a uniform layer of material on a substrate

A new susceptor design for use in plasma processing of substrates (116) is provided. The susceptor (114) is made of metal and serves as one of the electrodes (112,114) in a parallel plate plasma reactor (101). The susceptor (114) is flat and has no lip at its rim. A substrate (116) having substantially the same diameter as the susceptor (114) is placed on and covers the susceptor (114). This arrangement allows a uniform electric field to be formed across the whole surface of the substrate (116). As a result, the deposition on the surface of the substrate (116) is uniform.





EUROPEAN SEARCH REPORT

Application Number EP 95 10 0994

Category	Citation of document with indica		Relevant	CLASSIFICATION OF THE	
accgury	of relevant passag	es	to claim	APPLICATION (Int.Cl.6)	
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			16,18	H01J37/32	
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	figure 1 *				
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	figure 1 *				
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			1	TECHNICAL FIELDS	
				SEARCHED (Int.Cl.6)	
				C23C	
				H01J	
				<u>.</u>	
	The present search report has been	drawn un for all claims			
	Place of search	Date of completion of the search	1	Examiner	
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	CATEGORY OF CITED DOCUMENTS	T: theory or principl			
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